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St. Asaph (Denbigh) Rural District Council

AND

St. Asaph (Flint) Rural District Council.

ANNUAL REPORTS

For 1925

OF THE

Medical Officer of Health

(HENRY LLOYD, M.D., D.P.H., J.P.),

AND THE

Sanitary Inspector

(EDWARD O. EVANS, M.S.I.A., Cert.A.R.S.)

"Sanitas Sanitatum Omnia Sanitas."

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St. Asaph (Denbigh) Rural District Council.

MEDICAL OFFICER'S ANNUAL REPORT, 1925.

To the Chairman and Members of the St. Asaph (Denbigh) Rural District Council.

Gentlemen—

I have the honour to submit to you my Twelfth Annual Report, and I may state that the Ministry of Health has directed that it should be a survey report on the sanitary conditions, the measure of progress made in the area in the last five years in the improvement of the public health, the extent and character of the changes made during that period in the public health services, such as housing, water supply, sewerage, and other matters, and the extension of the Isolation Hospital.

NATURAL AND SOCIAL CONDITIONS IN THE AREA.

The district is distinctly rural and agricultural, very mountainous and hilly in parts, with intervening streams and valleys. At Llanddulas, where the district touches the North Wales coast, there is extensive limestone quarrying, and during the last two or three years a large limestone quarry has been opened out in the parish of St. George, where lime is now produced on a large scale. There is also a small brick works at Trefnant.

GENERAL STATISTICS.

Area, 65,735 acres (land and inland water).

Population at Census of 1901—6,908
,, ,, ,, 1911—6,710
,, ,, ,, 1921—6,790

The estimated population for 1925 given by the Registrar General is 6,708.

The number of inhabited houses (1921 census) is 1,545.

The number of families or separate occupiers (1921) is 1,555.

Assessable Value... ... ... £39,636

Sum represented by a penny rate ... £165

VITAL STATISTICS.

BIRTHS.

The total number of births registered during the year was 124—78 males and 46 females—giving a birth rate of 18.48 per thousand of the population, as compared with 18.3 for England and Wales. Of this number 10 were illegitimate—7 boys and 3 girls—equal to 8.0 per cent of the number registered.

DEATHS.

The total number of deaths registered during the year was 80—37 males and 43 females—giving a death rate of 11.77 per thousand of the population. From this number a deduction of 2 is to be made in respect of non-residents, whose deaths are registered in the district, while 9 residents who died outside the district have to be included. This brings the correct nett deaths to 87, which is equivalent to a death rate of 12.96, as compared with 12.2 for England and Wales. Table III gives the causes and ages at death.

There was only one inquest in the district during the year, on a male aged 61 years. "Death by misadventure, caused by chronic Bright's disease and exposure to cold" was the verdict recorded.

INFANTILE MORTALITY.

The number of deaths of infants under one year was 8, giving a death rate per thousand births of 64.51, against 75.0 for England and Wales. Table IV gives the causes of death in these cases. No deaths of illegitimate children occurred.

ZYMOTIC MORTALITY.

There was no death from scarlet fever, diphtheria, measles or whooping cough. One death occurred from typhoid, one from influenza, and 9 from pneumonia. Three of the latter had influenza as the primary cause. Influenza was prevalent during the early part of the year.

INFECTIOUS DISEASES.

There were more infectious cases this year than last, when they were almost nil. Nine cases of scarlet fever were notified. Seven of diphtheria. Six cases of pneumonia were notified, but there must have been many more, as there were 9 deaths from it during the year. Four cases of para-typhoid were notified, which was very unusual in the district. They must have emanated

from Denbigh, where it had been prevalent. Only two cases of tuberculosis were notified during the year, yet there were four deaths from that cause. Table II gives further information as to ages and distribution.

NOTIFIABLE DISEASES OTHER THAN TUBERCULOSIS DURING THE YEAR 1925.

Disease.	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Small Pox	...	...	...
Scarlet Fever	9	...	...
Diphtheria	7	...	...
Enteric Fever (including Para-Typhoid)	4	..	1
Puerperal Fever	...	...	...
Pneumonia*	6	...	9
Acute Polio-Myelitis ...	1	1	..

*There must have occurred many more, as there were 9 Deaths during the year.

SUMMARY OF NURSING ARRANGEMENTS IN THE DISTRICT.

There are five District Nurses (qualified) nursing in different centres or parishes in the district. The district being very mountainous and scattered, and the houses far apart, they have to travel long distances, usually with bicycles, and although roads are often impassable in winter, they have been of great benefit to those parishes which have been able to maintain them. In some districts two or three parishes join together, and are thus able to support one nurse between them. They do a deal of general nursing and dressing and much of the midwifery. The district is at present well supplied with District Nurses, excepting Llannefydd Parish.

CLINICS AND TREATMENT CENTRES.

The nearest centre is at Denbigh Infirmary, where a Maternity and Child Welfare Centre is now available for the surrounding parishes, such as Groes, Trefnant and Llannefydd.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(1). Tuberculosis: No private institution is provided in the district for tuberculosis, but patients who cannot afford treatment in private institutions are well provided for by the King Edward

VII. Welsh National Memorial Association (Denbighshire and Flintshire area), whose Medical Officers visit clinical centres at Denbigh and Rhyl, where patients from the district are examined and suitable cases are sent to institutions provided for them in North Wales and elsewhere.

(2). Maternity: There are maternity wards at the St. Asaph Union Infirmary.

(3). There are Cottage Homes run by the Guardians for illegitimate and homeless children.

(4). Fever: The Isolation Hospital at St. Asaph contains two wards, with 4 beds in each, but in an emergency three extra beds have been supplied. The building, however, is very small, and, as stated elsewhere in this report ,extra accommodation is required ,and is about to be provided in connection with it.

(5). Small Pox: No provision.

(6). Other Institutions: The Denbighshire Infirmary is within convenient distance of the district, and is made use of on the Denbigh side. On the Abergele side of the district the Royal Alexandra Hospital, Rhyl, and the War Memorial Hospital, Rhyl, take in surgical cases, being within easy reach. At the Denbigh Infirmary there are a few free beds, but any surgical case will be admitted at a maintenance fee of 17s. 6d. per week. At the Rhyl Hospitals the fees are higher.

AMBULANCE FACILITIES.

(a) For infectious cases a hired Motor Ambulance is employed. (b) For non-infectious and accident cases there is a motor ambulance on hire by the Denbigh Infirmary authorities.

LABORATORY WORK.

Bacteriological examinations are paid for those who cannot bear the expense, and so also is diphtheria antitoxin.

THE HOUSING QUESTION.

As stated in my last report, the erection of workmen's dwellings has not been seriously considered by the Council. Private enterprise has been practically at a standstill as far as the erection of new houses is concerned, but extensive preparations are being made for developing land for building purposes at Kinmel Bay.

Owing to the nature of the low-lying land in the parish of Abergele Rural, it is advisable for the Council to adopt a new code of building byelaws, also byelaws with respect to new

streets, to control the erection of new houses and the construction of new streets, including provisions requiring the floors of new houses and the levels of new streets to be at such a height as may be necessary to prevent their being flooded during heavy rainfalls and storms in connection with high tides.

There are many cases of overcrowding in the district, and a large number of cottages which are below a reasonable standard for human habitation. As previously stated, the opinion is that houses can be erected on a self-supporting basis, without being a charge on the rates. Houses are greatly wanted in the parish of St. George, where there is a new quarry, and at Llanddulas, Rhydyfoel, Trefnant, and other places.

DISTRICT STAFF.

The Staff for the Combined Districts consists of one Medical Officer of Health, an M.D. & D.P.H., part time; one Sanitary Inspector, C.R. San. Ins., full time; together with the following Isolation Hospital Staff:—A Charge Nurse, C.M.B. and registered; a Cook, and a Maid Attendant, with Mr. W. F. Morris as Steward. Extra nursing is secured as required.

TREFNANT.

An extension of the sewer is required, so as to be available for the drainage of Bryn Dyffryn, thereby doing away with the nuisance arising from the sewage effluent discharging into the Trefnant recreation ground below the main road and in front of the house The sanitation of the village is more satisfactory, but the proposals for the new filtration of the sewage effluent at the filtration ground have not yet been carried out. A private enterprise to supply Maen Heulyn with water from the village has been under consideration and agreed upon.

CEFN MEIRIADOG.

A proposal is under consideration for supplying this parish with water. Owing to the houses being so scattered in this area, and the rateable value correspondingly low, and owing also to engineering difficulties due to a large part of the parish lying above the supply tank of the Rhyl Urban District Council at Glascoed ,the Council have engaged Mr. C. F. Farrington, C.E., to make a report thereon, with a view of having a water supply for the parish, but the report has not yet been received.

LLANSANNAN.

An extension of the main sewer in the upper part of the village is still required to be carried out. Also a new sewage dis-

posal works for the better treatment of the sewage is required to be constructed. The effluent at present enters the river in a very crude state.

LLANFAIRTALHAIARN.

Some improvements have been carried out in the village by the conversion of defective and offensive privies into water closets, and the connection of same with the sewerage system. A few water closets have been erected in connection with existing houses, to replace defective privies.

LLANDDULAS AND RHYDYFOEL.

Rhydyfoel is still suffering from the want of a proper water supply. Llanddulas, however, now has a plentiful supply, since the new water main reaching from Kinmel Golden Gates Lodge to the town of Abergele was laid.

Llanddulas had been supplied with water for about 50 years from a branch running through Abergele from the works now under the control of the Rhyl Urban District Council. Since its construction a very large number of new houses had been built and new connections made with it, with the result that the supply had become more or less intermittent. At times, especially during the summer months, the supply was very inadequate and caused great inconvenience, it being quite clear that the old water main of the Rhyl Council was totally inadequate. But now that this new main has been laid there is an ample and regular supply to the village of Llanddulas. No new mains have been laid in the parish. During the period of the defective supply in 1920 the Council had the old main reaching from the town of Abergele to Llanddulas and in Llanddulas itself scraped, and the water supply was improved for a time. But recently the pressure had become very low, so that some of the houses in the upper parts of the parish were entirely without water, as stated in previous reports.

The Council have under consideration a proposed new water supply works for supplying Llanddulas and Rhydyfoel, certain portions of the parish of Abergele Rural, and also Bettws. The source has a fairly extensive watershed, and would provide an adequate supply of water for the district referred to. But it means an expensive scheme, owing to the necessity of constructing an impounding reservoir and a long length of water main. There is considerable unemployment in the district in winter time, and if an unemployment grant was available it might be to the advantage of the ratepayers and the development of the district if the scheme was carried out.

The parish of Llanddulas has to pay a heavy charge to the Rhyl Council for the water which is supplied in bulk. Extensive building operations are in progress in the Rhyl Water area. But Llanddulas is outside this area, and being only supplied in bulk, it is quite clear that if a shortage occurred, it would be the first to suffer. The Council have engaged Mr. C. F. Farrington, C.E., to report upon and complete the scheme.

ABERGELE RURAL.

Considerable building developments are likely to take place in the lower part of this parish adjoining the coast and at present known as Kinmel Bay. The land in this area is low-lying, and some of it is subject to floods, so that it is of the utmost importance that the houses built on this land should be sufficiently elevated above the water line and safe from flooding. The greatest difficulty to contend with will be that of drainage in the development of the building estates in this area. It is essential that each drain and cesspool should be made perfectly watertight and protected from being flooded, and that storm water should be dealt with separately.

BYELAWS

Made by the Rural District Council of St. Asaph (Denbigh) with respect to New Buildings in that portion of the rural district of St. Asaph (Denbigh) which comprises the contributory place of Abergele Rural.

(1). From and after the date of the confirmation of these Byelaws, the following Byelaws shall be deemed to be added to the series of Byelaws with respect to new buildings and certain matters in connection with buildings, which was made by the Rural District Council of St. Asaph (Denbigh) on the 15th day of January, 1904, and was confirmed by the Local Government Board on the 16th day of March, 1904, in so far as the said series of Byelaws applied to the contributory place of Abergele (Rural), and these Byelaws shall be construed as one with the said series of Byelaws.

(2). Where the intended site of a new public building or a new domestic building is at a height less than seventeen feet above ordnance datum in that portion of the contributory place of Abergele Rural which lies to the north of main line of the London, Midland & Scottish Railway, or which lies to the south of the said railway line and is bounded on the north by that railway line, on the east by the Vale of Clwyd branch of the London, Midland & Scottish Railway, on the west by the road leading

from Towyn Tilery to Plas Llwyd, and on the south by an imaginary line parallel to and six hundred yards distant from the main line of the London, Midland & Scottish Railway, the person who shall erect the building shall deposit upon the site a layer or layers of sound and suitable material sufficient to elevate so much of the site as shall be within the external walls of the building to a height of at least seventeen feet above the ordnance datum.

(Signed) HENRY LLOYD, M.D., D.P.H.,

Medical Officer.

Annual Report of the Medical Officer of Health for the year 1925, for the Rural District of St. Asaph (Denbigh), on the administration of the Factory and Workshop Act, 1901, in connection with Factories, Workshops, Workplaces and Homework.

1.—INSPECTION.

Including Inspection made by Sanitary Inspector or Inspector of Nuisances.

Premises (1)	Number of Inspections (2)	Written Notices (3)	Prosecutions (4)
Factories .. .. .. (Including Factory Laundries)	14	3	..
Workshops .. .. .. (Including Workshop Laundries) ..	88	4	..
Workplaces .. .. .. (Other than Outworkers' premises)	..	..	..
Total	102	7	..

2.—DEFECTS FOUND.

Particulars (1)	Number of Defects. Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	Number of Prosecutions (5)
Nuisances under the Public Health Acts:—*				
Want of cleanliness	6	6	..	..
Want of ventilation	3	3	..	..
Overcrowding	..	..	..	..
Want of drainage of floors	2	2	..	..
Other nuisances	..	..	..	..
Sanitary accommodation — insufficient.. ..	1	1	..	..
Sanitary accommodation — unsuitable or defective..	1	..	..	..
Sanitary accommodation — not separate for sexes ..	..	..	..	..
Offences under the Factory & Workshop Acts:				
Illegal occupation of underground bakehouse (s. 101)	..	..	..	..
Other offences	..	..	..	..
Total	13	12	..	..

3.—REGISTERED WORKSHOPS.

Total number of Workshops registered... 77

* Including those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

REGISTRAR GENERAL'S RETURN FOR ENGLAND AND WALES.

Birth-rate, Death-rate and Analysis of Mortality during the Year 1925.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for towns have been calculated on populations estimated to the middle of 1924. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	Birth-rate per 1,000 Total Population.	Annual Death-rate per 1,000 Population.									Rate per 1,000 Births.		Percentage of Total Deaths.		
		All Causes.	Enteric Fever	Small-pox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria.	Influenza.	Violence.	Diarrhœa and Enteritis (under 2 Years).	Total Deaths under 1 Year.	Causes of Death Certif'd by Registered Medical Practitioners.	Inquest Cases	Uncertified Causes of Death.
England and Wales ..	18·3	12·2	0·01	0·00	0·13	0·03	0·15	0·07	0·32	0·47	8·4	75	92·1	6·9	1·0
105 County Boroughs and Great Towns, including Lond n.	18·8	12·2	0·01	0·00	0·17	0·03	0·18	0·09	0·30	0·43	10·8	79	92·1	7·3	0·6
157 Smaller Towns (1921 Adjusted Populations, 20,000—50,000).	18·3	11·2	0·01	0·00	0·15	0·02	0·14	0·06	0·31	0·38	7·6	74	93·0	5·9	1·1
London	18·0	11·7	0·01	0·00	0·08	0·02	0·19	0·11	0·23	0·46	10·6	67	91·1	8·9	0·0

REGISTRAR GENERAL'S RETURNS.

Causes of Death (Civilians Only) in St. Asaph (Denbigh) Rural District, 1925.

Causes of Death.	Males.	Females.
Civilians only—All causes	42	45
1 Enteric fever	..	1
2 Small-pox..	..	...
3 Measles	..	..
4 Scarlet fever	..	...
5 Whooping cough	..	..
6 Diphtheria	..	..
7 Influenza	..	4
8 Encephalitis lethargica	..	..
9 Meningococcal meningitis	..	...
10 Tuberculosis of respiratory system ...	2	2
11 Other tuberculous diseases	..	...
12 Cancer, malignant disease	4	7
13 Rheumatic fever	..	1
14 Diabetes	..	..
15 Cerebral Hæmorrhage, &c.	5	4
16 Heart Disease	6	10
17 Arterio-sclerosis	..	..
18 Bronchitis...	4	2
19 Pneumonia (all forms)	6	2
20 Other respiratory diseases	..	4
21 Ulcer of stomach or duodenum	..	...
22 Diarrhœa, &c. (under 2 years)	..	..
23 Appendicitis and typhlitis	1	..
24 Cirrhosis of liver	..	..
25 Acute and chronic nephritis	2	2
26 Puerperal sepsis	..	..
27 Other accidents and diseases of pregnancy and parturition	..	..
28 Congenital debility and malformation, premature birth	3	1
29 Suicide	..	...
30 Other deaths from violence	..	..
31 Other defined diseases	9	5
32 Causes ill-defined or unknown	...	...
Special causes (included above)		
Poliomyelitis	..	..
Polioencephalitis	..	..
Deaths of infants under 1 year { Total	7	1
Deaths of infants under 1 year { Illegitimate	..	..
Total Births	78	46
Legitimate	71	43
Illegitimate	7	3
Population { for Birth Rate .. / for Death Rate .. }	6708	

General Register Office, Somerset House,
London, W.C.2. March, 1926.

TABLE I.

Vital Statistics of Whole District during 1925 and previous years.

Name of District—ST. ASAPH (DENBIGH) RURAL.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
									Under 1 Year of Age.		At all Ages.	
		Uncorrected Number.	Nett. Number.	Nett. Rate.	Number	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Number.	Rate per 1000 Nett Births.	Number	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1914	6646	137	136	20·46	100	15·4	3	6	23	169·11	103	15·49
1915	7435	134	135	18 15	101	13·5	12	13	7	51·85	102	13·7
1916	7285	138	138	18·194	107	14·68	5	14	14	101·44	116	15·92
1917	for B 7171 for D 6438	117	117	16·30	100	15·3	4	9	13	111·11	105	16·30
1918	for B 6727 for D 6022	145	145	21·55	104	17·27	10	12	13	89·65	106	17·60
1919	for B 6427 for D 6170	112	112	17·42	102	16·53	6	12	11	98·21	108	17·5
1920	6416	170	170	26·49	96	14·96	2	8	12	70·58	102	15·8
1921	6790	113	113	16·64	55	8·10	1	7	8	70·7	61	8 96
1922	6833	123	113	18·00	88	12 87	4	6	9	73·17	90	13·17
1923	6785	114	112	16·50	66	9·72	2	12	7	62·5	76	11·20
1924	6743	116	116	17·20	64	9·49	1	9	8	68·96	72	10·60
1925	6708	124	124	18·48	80	11·77	2	9	8	64·51	87	12·96

Area of District in acres (land and inland water): 65,735.

Total population at all ages: 6,790, at Census, June 1921. Present estimated population: 6,708.

TABLE II.

Cases of Infectious Diseases notified during the Year 1925 in the St. Asaph (Denbigh) Rural District.

Diseases Notified.	Number of Cases Notified.							Total Cases Notified in each Locality.							Treated in Isolation Hospital.	Treated in Poor Law Institution Hospital.
	At all Ages.	At Ages—Years.														
		1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Llansannan.	Trefnant.	Cefn Meiriadog.	Llanfair T.H.	Bettws, Abergele, and Trofarth.	Bylchau.	Abergele Rural		
Polio-Myelitis	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1
Diphtheria	7	...	7	...	...	.	...	...	1	...	...	5	1	...	...	...
Enteric Fever	4	...	1	1	1	1	...	...	1	...	...	...	3	...	...	...
Tuberculosis (all forms) ...	2	...	...	1	...	1	...	...	...	.	...	...	...	2	...	...
Pneumonia	6	1	1	1	1	2	...	4	...	1	...	...	1	...	..	...
Scarlet fever	9	1	6	1	1	...	...	...	1	1	3	...	...	4	4 ONLY	...
	29	2	15	4	4	4	...	4	3	3	3	5	5	6	4	1

Isolation Hospital at St. Asaph.

Sanatoria: None.

TABLE III.

Causes of and Ages at Death during Year 1925.

Name of District—ST. ASAPH (DENBIGH) RURAL.

Causes of Death.	ANALYSIS OF NETT DEATHS ACCORDING TO AGE.							
	All Ages.	Under 1 year.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and under 100 years.
All Causes	..	..	..	..	..	..	..	..
1 Enteric Fever	1	..	..	..	..	..	1	..
2 Small-pox	..	..	..	..	..	..	..	..
3 Measles	..	..	..	..	..	..	..	..
4 Scarlet Fever	..	..	..	..	..	..	..	..
5 Whooping Cough	..	..	..	..	..	..	..	..
6 Diphtheria	..	..	..	..	..	..	..	..
7 Influenza	1	..	..	..	..	..	1	..
8 Encephalitis lethargica ..	..	..	..	..	..	..	..	..
9 Meningitis	..	..	..	..	..	..	..	..
10 Tuberculosis of respiratory system	4	..	..	..	..	..	3	1
11 Other Tuberculous Diseases ..	1	..	..	..	..	..	1	..
12 Cancer, malignant disease ..	9	..	..	..	..	..	5	4
13 Rheumatic Fever	1	..	..	..	1	..	..	..
14 Diabetes	..	..	..	..	..	..	..	..
15 Cerebral hæmorrhage, &c ..	7	..	..	..	..	..	..	7
16 Heart Disease	16	..	..	..	..	1	8	7
17 Arterio-sclerosis	1	..	..	..	..	..	1	..
18 Bronchitis	3	..	..	..	..	..	1	2
19 Pneumonia (all forms) ..	9	1	..	..	..	3	2	3
20 Other respiratory diseases ..	5	..	..	..	..	..	..	5
21 Ulcer of stomach or duodenum ..	..	..	..	..	..	....	..	..
22 Diarrhœa, &c (under 2 years) ..	..	..	..	..	..	..	..	..
23 Appendicitis and Typhlitis ..	..	..	..	..	..	..	..	..
24 Cirrhosis of Liver	..	..	..	..	..	..	..	..
25 Acute and chronic nephritis ..	3	..	..	..	..	..	2	1
26 Puerperal sepsis	..	..	..	..	..	..	..	..
27 Other accidents and diseases of Pregnancy and Parturition ..	2	2	..	..	..	..	..	..
28 Congenital Debility & Malformation, premature birth, Atelectasis	3	3	..	..	..	..	..	..
29 Suicide	..	..	..	..	..	..	..	..
30 Other deaths from violence ..	..	..	..	..	..	..	..	..
31 Other defined diseases and senile decay	14	2	..	..	..	2	4	6
32 Diseases ill-defined or unknown..	..	..	..	..	..	..	..	..
Totals	80	8	..	..	1	6	29	36

There was one inquest during the year:—Male (61), Heart failure due to chronic Brights' Disease, accelerated by exposure to cold, etc. "Death by Misadventure."

TABLE IV.

Infant Mortality during the Year 1925.

Nett Deaths from stated causes at various Ages under 1 Year of Age.

Name of District—ST. ASAPH (DENBIGH) RURAL.

Causes of Death.	Under 1 week.	1—2 weeks.	2 - 3 weeks.	3 4 weeks.	Total under 4 weeks	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months	9 months and under 12 months.	Total Deaths under 1 year.
All causes { Certified ...	...	...	...	...	..	...	...	...	...	...
All causes { Uncertified ...	..	...	..	...	.	...	..	...	...	...
Small-pox	...	.	...	.		...	...	...	...	...
Chicken-pox	..	...	...	...	.	...	...	...	...	...
Measles	..	...	...	.	..	...	...	...	...	...
Scarlet Fever	..	...	.	...	...	...	...	...	...	...
Whooping-Cough ...	..	...	..	.	.	...	...	...	...	...
Diphtheria and Croup ...	..	.	...	..	..	...	...	...	...	...
Erysipelas	...	...	..	...		...	...	...	...	...
Tuberculous Meningitis ...	...	..	.	..	..	...	...	...	..	...
Abdominal Tuberculosis ...	...	...	...	.		...	.	...	...	..
Other Tuberculous Diseases	.	..	...		.	...	...	...	...	...
Meningitis (*not Tuberculous*)	.	...	...		..	...	...	...	...	...
Convulsions	..	...	...	...		1	...	...	...	1
Laryngitis	...	...	...	...	..	...	...	...	...	...
Bronchitis	...	...	...	..	...	...	...	...	...	...
Pneumonia (all forms) ...	..	...	...	..		...	...	1	...	1
Diarrhœa	...	...	...	..	.	...	...	...	...	...
Enteritis	...	...	.	..		...	...	...	...	...
Gastritis	..	...	...	.		...	...	..	...	...
Syphilis	..	...	..	...		...	...	..	...	...
Rickets	...	...	.	...	.	...	...	...	...	...
Suffocation, overlying ...	..	...	...	..	.	...	...	...	...	...
Injury at Birth	...	...	...	..	...	...	...	...	...	..
Atelectasis	2	...	...	.	2	...	...	...	...	2
Congenital Malformations ...	...	...	...	.		...	...	...	...	...
Premature Birth ...	2	...	...		2	...	...	..	...	2
Atrophy, Debility & Marasmus	..	...	.	1	1	...	..	...	...	1
Influenza	...	...	...	.	..	..	...	...	..	...
Other Causes Jaundice ..	...	...	...	.	...	1	...	...	...	1
Totals	4	...	...	1	5	2	...	1	..	8

Nett Births registered during the calendar year 124 { Legitimate .. ... 114; Illegitimate 10

Nett Deaths registered during the calendar year of { Legitimate Infants .. 8; Illegitimate Infants .. 0

St. Asaph (Denbigh) Rural District Council.

ANNUAL REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1925.

St. Asaph,
11th February, 1926.

To the Chairman and Members of the St. Asaph (Denbigh) Rural District Council.

Gentlemen,—

I have the honour to lay before you my Annual Report for 1925.

Total number of inspections and visits made	1130

INFECTIOUS DISEASES.

Number of cases inquired into	18
Number of houses disinfected	18

DWELLINGS.

Number erected	10
Number made fit for habitation	4
Number of cases of overcrowding	20

DRAINAGE, Etc.

Number laid or relaid	40
Number cleaned, trapped or ventilated	20
Number of new water closets	15
Number of repairs to water closets	35
Number of new privies and ashpits	6
Number of privies converted into W.C.'s	6

SCAVENGING (PARISH OF LLANDDULAS.)

Number of privies emptied	—
Number of pail closets emptied	1728
Number of ashbins emptied	5232
Number of ashpits emptied	702
Number of loads of refuse removed	208
Number of cesspools emptied	8
Total cost of scavenging for the year	£75 5s. 0d.

REFUSE.

Number of accumulations removed	70

WATER.

Number of new places supplied	15
Number of repairs, fittings, etc.	71

DAIRIES AND COWSHEDS.

Number of new dairies erected	1
Number of new cowsheds erected	1
Number of dairies repaired	4
Number of cowsheds repaired	5
Number of persons registered	48
Number of registered places in use and inspected ...	48

SLAUGHTER HOUSES.

Number registered or licensed	8
Number erected	—
Number repaired	1

OFFENSIVE TRADES.

Number dealt with	—

ANIMALS.

Number of cases causing nuisance	50

LODGING HOUSES.

Number registered and inspected	—

CLERICAL WORK.

Number of letters received	412
Number of letters written	424
Number of informal notices served	61
Number of informal notices complied with	45

LEGAL PROCEEDINGS.

Number of formal notices served	42
Number of formal notices complied with	32
Number of prosecutions	—

FACTORIES AND WORKSHOPS.

Number registered	70
Number of written notices	4
Number complied with	4

WATER SUPPLY.

Average monthly gaugings of the yield of water in gallons per day of 24 hours at the source of supply for Llansannan.

Month.	Existing Source.	Reserve Source.
January	140,400	4,680
February	140,400	4,680
March	140,400	4,680
April	20,057	2,808
May	140,400	4,680
June	140,400	2,032
July	140,400	4,680
August	140,400	4,680
September	140,400	4,680
October	140,400	4,680
November	140,400	4,680
December	140,400	4,680

The volume of water supplied in bulk by the Rhyl Urban District Council during the year to Trefnant was 4,054,000 gallons, equal to 21 gallons per head per day, at a cost of £275 4s. 9d.; and to Llanddulas 2,353,000 gallons, equal to 10 gallons per head per day, at a cost of £150 2s. 9d.

The following pressures taken at Llanddulas and Trefnant are a fair indication of the sufficiency or otherwise of the supply of water to both places :—

Llanddulas, February 17th, 1925.

Place.	Time. p.m.		lbs.
Old Gwrych	6-15	...	60
Tan yr Ogo Farm	6-25	...	45
Mountain View	6-35	...	1
Bryn Dulas	6-50	...	Nil.
Nook, near Station	7-40	...	56
Fair View	7-30	...	46
Boys' School	7-15	...	Nil.
Tan Rallt Hall	8-0	...	Nil.
Tai Dulas	8-15	...	Nil.
Valentine	7-10	...	55

Trefnant, February 27th, 1925.

Place.	Time. p.m.		Feet.
Bryn Polyn	2-30	...	160
Bryn Asaph Cottages	2-40	...	160
Maes Elwy	3-0	...	120
Maes Elwy Lodge	3-10	...	125
Llannerch	3-20	...	190
Glan Llyn	4-0	...	240
Pont Rallt Goch	4-15	...	125
Trefnant Hotel	5-5	...	130
Maelor	5-15	...	125
Bryn Dyffryn	5-0	...	120
Schools	6-0	...	90
Vicarage	5-55	...	20
Greenfield	5-50	...	15
Hafod	5-25	...	195
Railway Terrace	5-10	...	125

HOUSING, TOWN PLANNING, ETC., ACT, 1909.

Summary of quarterly returns supplied to the County Medical Officer of Health :—

Number of houses (approximate) under £16 rental	1518
Number of houses inspected	162
Number with sanitary defects	162

DEGREE OF DEFECTS.

Defects serious and irremediable; houses unfit for habitation	3
Defects serious, but remediable	67
Minor defects	80

ACTION TAKEN.

Closure recommended	3
Closure issued	—
Statutory notices served under Public Health Acts	42
Statutory notices served under Housing Acts	—
Informal notices served	61

RESULT OF ACTION.

Houses vacated	—
Notices fully complied with	50
Notices partially complied with	52
Defects unremedied	28

REMAINING UNDER CONSIDERATION.

From previous quarter	22
From present quarter	29
Number of re-inspections	111

HOUSING STATISTICS.

Number of new houses erected during the year :—

(a) Total (including number given separately under (b)	10
(b) With State assistance under the Housing Acts,	
(1) By the Local Authority	Nil.
(2) By other bodies or persons	4

1. *Unfit Dwelling Houses.*

Inspection.—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	162
(2) Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925	162
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	3
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	42

2. *Remedy of Defects without Service of Formal Notice.*

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	32

3. *Action under Statutory Powers.*

A. Proceedings under Section 3 of the Housing Act, 1925.

(1) Number of dwelling houses in respect of which notices were served requiring repairs	—
(2) Number of dwelling houses which were rendered fit after service of formal notice :—	
(a) By owners	—
(b) By Local Authority	—
(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	—

B. Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	103
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By Owners	50
(b) By Local Authority in default of Owners	—

C. Proceedings under Sections 11, 14, and 15 of the Housing Act, 1925.

(1) Number of representations made with a view to the making of closing orders	3
(2) Number of dwelling houses in respect of which closing orders were made	—
(3) Number of dwelling houses in respect of which closing orders were determined, the dwelling houses having been rendered fit	—
(4) Number of dwelling houses in respect of which demolition orders were made	—
(5) Number of houses demolished in pursuance of demolition orders	—

SALE OF FOOD AND DRUGS ACTS.

The following summary was kindly supplied by the Chief County Inspector :—

Samples of Food taken for analysis within the St. Asaph (Denbigh) Rural District during the year 1925.

Article.	Number taken.	Result of Analysis.	Remarks.
Milk ...	19	16 Genuine 3 Deficient in fat to the extent of 12, 7, and 3 per cent. respectively	Vendors cautioned
Butter ..	2	2 Genuine	
Spirits ...	2	2 Genuine	
	23		

J. CLARKE JONES, *Chief Inspector.*

Departments :
Weights and Measures.
Food and Drugs.
Fertilisers and Feeding Stuffs.
Poisons and Pharmacy.

Weights and Measures &c., Offices,
COLWYN BAY

I am, Gentlemen,

Your obedient servant,

EDW. O. EVANS, M.S.I.A., Cert. R.S.I.,
Inspector of Nuisances and Sanitary Surveyor.

RAINFALL IN 1925.

At Garn, Henllan, in the County of Denbigh.—Rain gauge: Diameter of Funnel, 5 inches; height of Top above ground, 1 foot; above Sea Level, 447 feet.

Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Inches.	Date.	Number of Days with ·01 in. or more.	Number of Days with ·04 in. or more
January	3.74	0.79	1	16	11
February	4.94	0.80	10	21	19
March	1.48	0.27	20	15	11
April	2.07	0.27	4	16	14
May	3.26	0.62	23	20	15
June	0.05	0.03	15	2	0
July	3.20	0.98	22	13	10
August	3.13	0.73	5	17	12
September	5.32	0.70	23	24	18
October	4.84	0.87	26	24	15
November	3.68	0.57	29	14	13
December	3.45	0.81	29	21	17
Total	39.16			203	155

W. D. W. GRIFFITH.

At the Denbigh Mental Hospital, in the County of Denbigh. Rain gauge: Diameter of Funnel, 4 inches; height of Top above Ground, 1 foot; above Sea Level, 316 feet.

Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Inches.	Date.	Number of Days with ·01 in. or more.	Number of Days with ·04 in. or more
January	3.57	1.07	1	15	12
February	5.18	0.81	9	21	17
March	1.54	0.31	20	13	9
April	2.17	0.28	22	18	14
May	3.04	0.54	23	19	16
June	0.07	0.03	1 & 15	3	0
July	2.94	0.85	22	13	9
August	2.23	0.45	5	17	10
September	5.27	0.86	10	23	18
October	3.96	0.86	26	19	17
November	3.29	0.56	29	14	12
December	3.66	0.98	29	20	18
Total	36.92			195	152

WM. BARKER.

ST. ASAPH & DISTRICT JOINT HOSPITAL COMMITTEE.

During the past year this Hospital has been over full with scarlet fever cases, and again I may state that no other case of any other fever could be admitted. We had to refuse cases of para-typhoid from Denbigh and from our own district, as well as a few cases of diphtheria.

The Hospital is worked at a great disadvantage on account of the need of more accommodation for the staff as well as the patients. It is most difficult to carry on at times.

The Joint Hospital Committee have decided to build a new Hospital on the present site, and have approved of the architect's draft plans. An extension of land around the present site is required for the lay-out of the new hospital, an acre more of land being necessary. This has caused considerable delay in getting on with the building arrangements, the vendors' valuer estimating much higher than the Government valuer's estimate.

The Ministry of Health, Cardiff, has recommended that the Joint Hospital Committee should apply for an order constituting the Committee a Joint Hospital Board.

During the year 62 cases of scarlet fever were admitted from the following localities:—

Ruthin	District	...	... 1	Abergele Urban	District	...	18
Denbigh	,,	...	... 4	Cefn	,,	...	... 1
Prestatyn	,,	...	... 1	Abergele (Rural)	,,	...	... 2
Meliden	,,	...	... 6	Dyserth	,,	...	... 1
Bodelwyddan	,,	...	... 2	St. George	,,	...	... 1
Rhuddlan	,,	...	... 15	Bodfari	,,	...	... 3
St. Asaph	,,	...	... 7				

(Signed) HENRY LLOYD, M.D., D.P.H.,

Medical Officer of Health.

St. Asaph (Flint) Rural District Council.

MEDICAL OFFICER'S ANNUAL REPORT, 1925.

To the Chairman and Members of the St. Asaph (Flint) Rural District Council.

Lady and Gentlemen,

I have the honour to submit to you my twelfth Annual Report upon the health and sanitary conditions of the district for the year 1925.

The Ministry of Health has intimated that it should be a Survey Report, indicating (a) the measure of progress made in the area during the preceding five years in the improvement of the public health; (b) The extent and character of the changes made during that period in the public health services of the area, such as housing, water supply, sewerage, scavenging and refuse disposal, food inspection, maternity and child welfare schemes, the treatment of tuberculosis and venereal diseases, provision of isolation hospitals, and any other matters affecting the health of the district.

NATURAL AND SOCIAL CONDITIONS OF THE AREA.

The district lies in the Vale of Clwyd, in the County of Flint, which is noted for its rich pasture lands, its beautiful scenery, its old residences, castles and historic associations. The district is rural, and its chief industrial pursuit is agriculture. There is a limestone quarry at Dyserth, where much lime is produced, and a new quarry at Bodfari, where stone, tarred chippings and other road making materials are produced on a large scale. Each employs a large number of men.

GENERAL STATISTICS.

Area, 24,232 acres, land and inland water.

Population at Census of		1901	6,158.
Ditto.	ditto.	1911	6,766
Ditto.	ditto.	1921	7,362.

The estimated population given by the Registrar General for 1925 is 7,293.

The number of inhabited houses (1921) is 1,814.

The number of families or separate occupiers (1921) is 1,834.

Assessable value, £40,814.

Sum represented by a penny rate, £170.

VITAL STATISTICS.

BIRTHS.

The total number of births registered during the year was 146—73 males and 73 females,—giving a birth rate of 20.01 per thousand of the resident population, as compared with 18.3 for England and Wales. Of this number 6 were illegitimate—5 boys and 1 girl,—equal to 4.1 per cent of the number born.

DEATHS.

The total number of deaths registered in the district was 120—56 males and 64 females. Of this number 10 were of those of non-residents, and they have to be deducted, as they belong to places outside the district. On the other hand 10 residents died in places and institutions outside the district, and they have to be included, so that the nett "corrected" death rate remains the same 120, giving a death rate per thousand of the population of 16.45, as compared with 12.2 for England and Wales. This is much higher than last year's death rate. No woman died of child-birth or from sepsis or other cause, nor did any child under 2 years die from diarrhœa, which is satisfactory.

Five inquests were held during the year:—2 suicides, 2 accidentally killed by being run over by motor cars, 1 old man found dead in bed from internal hœmorrhage, due to a very large rupture of old standing.

INFANTILE MORTALITY.

The number of deaths of infants under one year of age was 10—7 boys and 3 girls,—giving a death rate per 1,000 births of 68.49, as compared with 75.0 for England and Wales. There was no death of an illegitimate child amongst them. Table IV. gives the causes of death in these cases.

INFECTIOUS DISEASES.

There were 50 cases of infectious diseases notified during the year, which is higher than in previous years. Scarlet Fever, was prevalent in the parishes of Rhuddlan, St. Asaph, Meliden, Bodfari, and Bodelwyddan—34 cases altogether. There were 3 cases of diphtheria, 2 in Dyserth and 1 in Rhuddlan parish; 2 cases of Encephalitis Lethargica (sleepy sickness), 1 of cerebro-spinal fever (spotted fever). 3 of typhoid, and 3 of pneumonia (although there must have been many more, as 6 died of this disease), and 4 cases of tuberculosis. Table II gives the ages and distribution.

ZYMOTIC MORTALITY.

There were 3 deaths from whooping cough amongst infants, one from diphtheria, one from "spotted fever" (Meningococcus Meningitis), 2 from influenza, 6 from pneumonia, and 4 from tuberculosis. There was no death from measles or scarlet fever, although the latter was very prevalent and some were verv ill at the isolation hospital. Nor was there any death from typhoid.

THE ISOLATION HOSPITAL.

During the year 34 cases of scarlet fever were admitted into the Hospital, being the total number of cases of scarlet fever which occurred in the district. It is satisfactory to find that it was possible for all the cases to be removed and treated in the isolation hospital, and that although several were very seriously ill, all recovered and left the hospital quite well.

DISTRICT STAFF.

The Staff of the Combined Districts consists of one Medical Officer of Health, an M.D. and D.P.H., part time; one Sanitary Inspector, C.R.San. Ins., full time; together with the following staff at the Isolation Hospital:—A Charge Nurse, who is a C.M.B. and Registered, a Cook and one Maid Attendant, with Mr. W. F. Morris as Steward. When the Isolation Hospital is very full and much night nursing necessary an extra nurse is obtained.

DISINFECTION.

Arrangements for disinfection of clothing can be made as required by arrangement with the Master of the Poor Law Institution, St. Asaph, where a Washington Lyon disinfecting apparatus, in a building near the isolation hospital, is used when required.

SUMMARY OF NURSING ARRANGEMENTS HOSPITALS AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

GENERAL.—There are District Nurses with C.M.B. qualifications in some of the Parishes. Generally two parishes join together to support one, such as Bodfari with Caerwys; Tremeirchion and Waen; Dyserth, Meliden and Cwm; Bodelwyddan is joined to Cefn. Rhuddlan has no organised service, neither has St. Asaph.

CLINICS AND TREATMENT CENTRES.—The nearest centre is at Rhyl, where there is a Maternity and Child Welfare Centre under the control of the Flintshire County Council and their Health Visitors. Some who live in the surrounding parishes make use of it.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(1) TUBERCULOSIS: No private institution is provided in the district for tuberculosis, but patients who cannot afford treatment in private institutions are well provided for by King Edward VII Welsh National Memorial Association (Denbighshire and Flintshire area) whose Medical Officers visit clinical centres at Denbigh and Rhyl, where patients from the districts are examined and suitable cases are sent to institutions provided for them in North Wales and Central Wales.

(2) MATERNITY: There are maternity wards at the St. Asaph Union Infirmary.

(3) THERE ARE COTTAGE HOMES run by the Guardians for illegitimate and homeless children.

(4) FEVER: The Isolation Hospital at St. Asaph contains two wards, with 4 beds in each, but in an emergency three extra beds have been supplied. The building, however, is very small, and, as stated elsewhere in this report, extra accommodation is required and is about to be provided in connection with it.

(5) SMALL POX: No provision.

(6) OTHER INSTITUTIONS: The Denbighshire Infirmary is within convenient distance of the district, and is much made use of. They have a motor ambulance in connection with the institution, which can be hired. The Royal Alexandra Hospital and Convalescent Homes for Men and Women, Rhyl, are also taken advantage of by this district. The Union Hospital at St. Asaph is also used for patients who can pay a little above the ordinary cost of maintenance there. There is also the War Memorial Hospital, Grange Road, Rhyl.

AMBULANCE FACILITIES.

(a) For infectious cases a hired motor ambulance from Messrs. Brookes Brothers, Rhyl, is used.

(b) For Non-infectious cases and accident cases there is a motor ambulance on hire by the Denbigh Infirmary authority, and another by a private firm, Messrs. Brookes Brothers, Rhyl, which is used generally to remove cases to the Rhyl Hospitals.

LABORATORY WORK.

Bacteriological examinations are paid for those who cannot bear the expense, as well as diphtheria antitoxin.

VENEREAL DISEASES.

These cases come under the control of the Flintshire County Council, and patients have to be admitted to the Chester Infirmary for treatment.

ORDERS AND ACTS IN FORCE IN THE RURAL DISTRICT.

PUBLIC HEALTH ACT, 1875.—Dyserth, Rhuddlan, and St. Asaph, Section 44, so much as is not already in force; Sections 157 and 158; Section 169, the second paragraph, which, for the purpose therein mentioned, incorporates the provisions of the Towns Improvement Clauses Act, 1847, with respect to slaughter-houses; Section 169, the third paragraph; and Section 170.

PUBLIC HEALTH ACTS AMENDMENT ACT, 1890.—Bodelwyddan, Bodfari, Cwm, Dymeirchion and Waen, Section 23 (3). Meliden, Section 23 (3), so much as is not already in force. Dyserth ,Rhuddlan, and St. Asaph, Section 23 (3), so much as will not be in force by virtue of this Order upon Sections 157 and 158 of the Public Health Act, 1875, coming into operation in the said contributory places.

PUBLIC HEALTH ACTS AMENDMENT ACT, 1907.—Whole of the Rural District, Sections 15 to 18 (inclusive), 20, 22, 24, 25, 29, 32 to 38 (inclusive), 44 to 46 (inclusive), 49, 52 to 60 (inclusive), 62 to 65 (inclusive), and 67 to 75 (inclusive). Meliden and Rhuddlan, Section 30. Meliden, Rhuddlan, and St. Asaph, Sections 39 to 42 (inclusive). Dyserth, Meliden, Rhuddlan and St. Asaph, Section 43. St. Asaph, Section 47, subject as regards Sections 25, 30, 35, 38, 59 and 75 to the conditions specified in the Order.

PUBLIC HEALTH (BUILDING IN STREETS) ACT, 1888.—Section 3.

SLAUGHTER HOUSES AND KNACKERS' YARDS.—Public Health Act, 1875, Sections 169 and 170; Public Health Acts Amendment Act, 1890, Sections 29 and 31.

INFECTIOUS DISEASE (PREVENTION) ACT, 1890.

ORDERS for removal of house refuse, cleansing of earth closets, privies, ashpits and cesspools: Dyserth, Meliden and Rhuddlan.

BYELAWS: New Streets and Buildings, Common Lodging Houses, Nuisances, Slaughter Houses.

REGULATIONS: Dairies, Cowsheds and Milkshops.

HOUSING.

The Council's scheme for facilitating the erection of houses for the working classes by private enterprise is still proceeding. Of the parlour type about 50 have been completed. All applications from private enterprise for assistance are still for lump sum grants under the Housing, etc., Act of 1923, under which a grant of the sum of £75 is given in each case.

THE COUNCIL'S HOUSING SCHEMES.

The Council have accepted tenders for the erection of eight semi-detached houses in Rhuddlan and six houses in St. Asaph, which are in course of construction. It has also been agreed to proceed with the building of 12 houses at Meliden, but up to the present the Ministry of Health have not given their sanction to a proposed loan for purchasing the site.

Schemes for 12 houses for Dyserth and 4 for Waen are under consideration, and negotiations are in progress for securing sites. Houses are also urgently needed in Bodfari, and some in Bodelwyddan and Tremeirchion. The Council, however, have experienced considerable difficulty in securing sites at a reasonable price.

CITY OF ST. ASAPH.

The Council have arranged for a preliminary plan of proposed sewerage and sewage disposal works to replace the existing defective sewers and disposal works, which have been in operation for about 50 years and are out of date and inadequate to meet modern requirements. In my annual report for last year it was stated that the Council had engaged Messrs. D. Balfour and Son, C.E., of Newcastle-on-Tyne and London, in connection with this matter. A report has been received, but not yet considered. The Council are negotiating for land for a pumping station and sewage disposal works, and the storm water will have to be diverted from the sewage as much as possible.

SCAVENGING.—A scavenging system has not been adopted in St. Asaph, owing to the Parish Council being opposed to it on account of the expense, and more especially in view of the necessity of proceeding with a new sewerage scheme.

MELIDEN.

THE DRAINAGE SCHEME.—After considerable difficulties and opposition to previous schemes, an excellent site has at last been secured for the proposed new sewage disposal works, on a sloping field on Dyserth Hall Farm, the property of the Plymouth Estate, Ltd. The complete plans of the drainage scheme and works, as prepared by Messrs. D. Balfour and Son, C.E., have been sent to the Ministry of Health for final approval, and the Unemployment Grants Committee have consented to give a grant towards the scheme subject to the Ministry of Health approving of it.

DYSERTH.

The Dyserth sewerage and sewage disposal scheme has now been practically completed, including an extension for the drainage of houses on the Bryn, and also an extension for the drainage of several new houses in the adjoining parish of Cwm.

Owing to opposition on the part of ratepayers of the parish of Cwm to bearing a proportion of the cost, an application has been sent by the District Council (with the consent of the two parishes concerned) to the County Council for the transfer of that part of the parish of Cwm which has been provided with the sewers to the parish of Dyserth.

A large proportion of the houses in the parish have already been connected with the new sewers. There still remains, however, a considerable number of properties unconnected. Among those which are not connected are several houses which have already been condemned as unfit for human habitation, being in a very dilapidated state. The owners contend that they are not in a financial position to carry out the improvements required. When the Council's housing scheme for this parish is completed the Council may be in a position to close these houses.

The building estate at Trecastle is not satisfactorily drained. A new sewerage and sewage disposal scheme is required for this estate.

The water supply in the upper regions of the parish is not sufficient, and some of the owners of property in these parts object to converting their privies into water-closets for this reason.

RHUDDLAN.

A sewerage and sewage disposal scheme is required for the north end of this parish, adjoining the town of Rhyl. Some of the houses are already connected with the sewers of the Rhyl Urban District Council, for which privilege a very excessive

charge is made. But it appears that the sewers of the Rhyl Council are not of sufficient capacity to deal with any increased flow from this district. Other houses are connected to cesspools, and some of the residents have complained of serious nuisances during excessive rainfalls.

The Council have consulted Messrs D. Balfour & Sons, C.E., on this mattter, and they have prepared a preliminary plan of a proposed scheme for this area. As there is considerable unemployment prevailing in this area at the end of the summer season, the Council have a strong claim for the unemployment grant. The Council have agreed to carry out the scheme in due course after the usual Government enquiry.

CWM.

The new houses in that part of the parish which adjoins Dyserth have been provided with a sewer, which is connected up with the Dyserth sewerage system.

WAEN.

The works of water supply for this parish have been completed, and there is an ample supply of wholesome water, which is much appreciated in the parish. The cost of the whole works amounted to £2,787 8s., but £80 of it was given by the Flintshire County Council towards the Pant Ifan water supply. Further extensions are required if the parish can bear the cost.

TREMEIRCHION.

The Council have under consideration a proposal for improving and protecting the water supply at the source by draining the subsoil and acquiring additional land.

BODFARI.

Preliminary plans have been prepared of proposed works of water supply for this parish. The source is at Moel-y-Parc, on the Clwydian Range, at a height of 500 to 600 ft. above ordnance datum, while the houses to be supplied are, with exceptions, well below the 300 ft. contour line, the highest houses being below the 400 ft. contour line. The scheme is estimated to cost £2,200.

(Signed) HENRY LLOYD, M.D., D.P.H.,

Medical Officer of Health.

REGISTRAR GENERAL'S RETURN FOR ENGLAND AND WALES.

Birth-rate, Death-rate and Analysis of Mortality during the Year 1925.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for towns have been calculated on populations estimated to the middle of 1924. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	Birth-rate per 1,000 Total Population.	Annual Death-rate per 1,000 Population.									Rate per 1,000 Births.		Percentage of Total Deaths.		
		All Causes.	Enteric Fever	Small-pox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria.	Influenza.	Violence.	Diarrhœa and Enteritis (under 2 Years).	Total Deaths under 1 Year.	Causes of Death Certif'd by Registered Medical Practitioners.	Inquest Cases	Uncertified Causes of Death.
England and Wales ..	18·3	12·2	0·01	0·00	0·13	0·03	0·15	0·07	0·32	0·47	8·4	75	92·1	6·9	1·0
105 County Boroughs and Great Towns, including London.	18·8	12·2	0·01	0·00	0·17	0·03	0·18	0·09	0·30	0·43	10·8	79	92·1	7·3	0·6
157 Smaller Towns (1921 Adjusted Populations, 20,000—50,000).	18·3	11·2	0·01	0·00	0·15	0·02	0·14	0·06	0·31	0·38	7·6	74	93·0	5·9	1·1
London	18·0	11·7	0·01	0·00	0·08	0·02	0·19	0·11	0·23	0·46	10·6	67	91·1	8·9	0·0

REGISTRAR GENERAL'S RETURNS.

Causes of Death (Civilians Only) in St. Asaph (Flint) Rural District, 1925.

Causes of Death.	Males.	Females.
Civilians only—All causes	56	64
1 Enteric fever	..	...
2 Small-pox..	..	...
3 Measles	..	..
4 Scarlet fever	..	...
5 Whooping cough	3	..
6 Diphtheria	..	1
7 Influenza	..	2
8 Encephalitis lethargica	..	..
9 Meningococcal meningitis	1	...
10 Tuberculosis of respiratory system ...	2	3
11 Other tuberculous diseases	1	...
12 Cancer, malignant disease	4	9
13 Rheumatic fever	..	1
14 Diabetes	1	1
15 Cerebral Hæmorrhage, &c.	4	6
16 Heart Disease	11	9
17 Arterio-sclerosis	1	1
18 Bronchitis...	1	2
19 Pneumonia (all forms)	3	3
20 Other respiratory diseases	..	...
21 Ulcer of stomach or duodenum	..	...
22 Diarrhœa, &c. (under 2 years)	..	..
23 Appendicitis and typhlitis	..	1
24 Cirrhosis of liver	1	..
25 Acute and chronic nephritis	1	3
26 Puerperal sepsis	..	..
27 Other accidents and diseases of pregnancy and parturition	..	..
28 Congenital debility and malformation, premature birth	3	..
29 Suicide	1	1
30 Other deaths from violence	..	3
31 Other defined diseases	18	17
32 Causes ill-defined or unknown	...	1
Special causes (included above)		
Poliomyelitis	..	..
Polioencephalitis	..	..
Deaths of infants under 1 year { Total	7	3
Deaths of infants under 1 year { Illegitimate	..	..
Total Births	73	73
Legitimate	68	72
Illegitimate	5	1
Population { for Birth Rate .. / for Death Rate .. }	7293	

General Register Office, Somerset House,
London, W.C.2. March, 1926.

TABLE I.

Vital Statistics of Whole District during 1925 and previous years.

Name of District—ST. ASAPH (FLINT) RURAL

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett. Number.	Nett. Rate.	Number	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 Year of Age. Number.	Under 1 Year of Age. Rate per 1000 Nett Births.	At all Ages. Number	At all Ages. Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1914	6976	105	105	15 05	99	14·19	33	4	3	28·57	81	11·61
1915	6511	128	117	17·96	136	20·88	23	10	17	145·29	114	17·50
1916	9829	160	160	23·42	155	24·69	50	11	17	106·25	116	14·48
1917	for B 7183 for D 6444	123	123	17·12	166	25·60	87	14	9	73·17	93	14·43
1918	for B 7327 for D 6539	120	120	16·37	132	20·18	20	7	15	125·0	119	18·22
1919	for B 6668 for D 6401	107	107	16·03	121	18·90	25	8	11	102·8	104	16·24
1920	6566	150	150	22·53	120	18·00	26	8	7	46·6	102	15·3
1921	for B 7690 for D 7382	107	107	13·91	108	14·61	23	10	12	112·1	95	12 86
1922	for B 7670 for D 7362	117	117	15·25	104	14·12	25	16	8	68 30	95	12·91
1923	7730	143	137	17 72	137	17·72	30	13	8	58·39	117	15·13
1924	7356	119	119	16·10	100	13·59	21	13	5	42·01	92	12·50
1925	7293	146	146	20·01	120	16·45	10	10	10	68·49	120	16·45

Area of District in acres (land and inland water): 24,232.

Total population at all ages: 7,293. Total families or separate occupiers: 1,834. At Census, June 1921.

TABLE II.

Cases of Infectious Diseases notified during the Year 1925 in the St. Asaph (Flint) Rural District.

Diseases Notified.	Number of Cases Notified.							Total Cases Notified in each Locality.									Treated in Isolation Hospital.	Workhouse Hospital.
	At all Ages.	At Ages—Years.																
		1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	St. Asaph.	Bodelwyddan.	Rhuddlan.	Dyserth.	Bodfari.	Waen.	Cwm.	Meliden.	Tremeirchion.		
Diphtheria	3	1	2	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...
Scarlet fever	34	8	21	5	...	...	...	7	1	15	2	3	...	...	6	...	34	...
Tuberculosis (all forms) ...	4	...	...	1	1	2	...	...	...	4	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	2	...	...	1	1	...	...	...	...	1	...	...	...	...	...	1	...	...
Pneumonia*	3	1	...	1	...	...	1	...	...	...	...	2	...	1	...	...	...	...
Typhoid	3	1	1	1	...	...	...	...	1	...	...	2	...	...	...	...	...	...
Cerebro-Spinal Fever ...	1	...	...	1	...	...	...	...	1	.	...	...	...	...	...	...	...	...
	50	11	24	10	2	2	1	7	3	21	4	7	...	1	6	1	34	...

Isolation Hospital at St. Asaph. Sanatoria: None.

* Three Notified. Six died of it and many more must have been affected.

TABLE III.

Causes of and Ages at Death during Year 1925.
Name of District—ST. ASAPH (FLINT) RURAL.

Causes of Death.	ANALYSIS OF NETT DEATHS ACCORDING TO AGE.							
	All Ages.	Under 1 year.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and under 100 years.
All Causes	..	..	..	..	..	..	..	..
1 Enteric Fever	..	..	..	..	..	..	..	..
2 Small-pox	..	..	..	..	..	..	..	..
3 Measles	..	..	..	..	..	..	..	..
4 Scarlet Fever	..	..	..	..	..	..	..	..
5 Whooping Cough	3	2	1	..	..	..	..	..
6 Diphtheria	1	..	1	..	..	..	..	..
7 Influenza	2	..	..	..	..	..	..	2
8 Encephalitis lethargica ..	..	..	..	..	..	..	..	..
9 Meningococcal Meningitis ..	1	..	..	..	1	..	..	..
10 Tuberculosis of respiratory system	4	..	..	..	1	2	1	..
11 Other Tuberculous Diseases ..	1	..	..	..	..	1	..	..
12 Cancer, malignant disease ..	15	..	..	..	..	..	9	6
13 Rheumatic Fever	..	..	..	..	..	..	..	..
14 Diabetes	2	..	..	..	..	..	1	1
15 Cerebral hæmorrhage, &c ..	10	..	..	..	..	..	3	7
16 Heart Disease	20	..	..	..	..	..	7	13
17 Arterio-sclerosis	..	..	..	..	..	..	..	..
18 Bronchitis	3	..	..	..	..	..	..	3
19 Pneumonia (all forms) ..	6	1	..	..	..	..	1	4
20 Other respiratory diseases ..	..	..	..	..	..	..	..	..
21 Ulcer of stomach or duodenum ..	..	..	..	..	..	...	..	..
22 Diarrhœa, &c (under 2 years) ..	..	..	..	..	..	..	..	..
23 Appendicitis and Typhlitis ..	..	..	..	..	..	..	..	..
24 Cirrhosis of Liver	...	..	..	..	..	..	..	..
25 Acute and chronic nephritis ..	4	..	..	..	..	..	2	2
26 Puerperal sepsis	..	..	..	..	..	..	..	..
27 Other accidents and diseases of Pregnancy and Parturition ..	..	..	..	..	..	..	..	..
28 Congenital Debility & Malformation, premature birth, Atelectasis	3	3	..	..	..	..	..	..
29 Suicide	2	..	..	..	..	1	1	..
30 Other deaths from violence ..	3	..	..	1	1	..	..	1
31 Other defined diseases and senile decay	39	3	..	..	1	4	9	22
32 Diseases ill-defined or unknown..	1	1	..	..	..	..	..	..
Totals	120	10	2	1	4	8	34	61

There were 5 inquests during the year:—2 suicides, 2 accidentally killed by being run over by motor cars, 1 found dead in bed.

TABLE IV.

Infant Mortality during the Year 1925.

Nett Deaths from stated causes at various Ages under 1 Year of Age.

Name of District—ST. ASAPH (FLINT) RURAL.

Causes of Death.	Under 1 week.	1—2 weeks.	2—3 weeks.	3—4 weeks.	Total under 4 weeks	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All causes { Certified ...	...	...	...	...	..	...	...	...	...	...
All causes { Uncertified ...	..	...	...	...	.	...	...	...	...	...
Small-pox	...	...	...	..	.	...	...	...	...	...
Chicken-pox	...	...	...	...	.	...	...	...	...	...
Measles	...	...	...	.	.	...	...	...	...	...
Scarlet Fever	..	...	...	...	..	...	...	...	...	...
Whooping-Cough ...	.	1	..	.	1	1	...	...	...	2
Diphtheria and Croup ...	...	.	...	..	...	...	...	...	...	...
Erysipelas	...	.	..	..	.	...	...	...	...	...
Tuberculous Meningitis ...	...	.	.	..	...	...	...	...	..	...
Abdominal Tuberculosis ...	...	...	...	..		...	.	..	...	..
Other Tuberculous Diseases	..	..	...		.	...	...	...	...	...
Meningitis (*not Tuberculous*)	.	...	...	..	..	...	...	...	...	...
Convulsions	.	1	...	...	1	...	...	...	...	1
Laryngitis	...	...	..	...	..	...	...	...	...	...
Bronchitis	...	...	..	.	...	...	...	...	...	...
Pneumonia (all forms) ...	..	...	...	..	.	...	1	...	...	1
Diarrhœa	...	...	...	..	...	...	...	...	...	...
Enteritis	...	...	.	..	.	...	...	...	...	...
Gastritis	..	...	...	.		...	...	...	...	...
Syphilis	...	..	..	...	...	...	...	..	...	...
Rickets	...	...	.	..	...	...	...	...	...	...
Suffocation, overlying ...	..	...	...	...	.	...	...	...	...	...
Injury at Birth	...	...	...	..	...	...	...	...	...	..
Atelectasis	1	.	..	..	1	...	...	...	...	1
Congenital Malformations ...	...	1	...	...	1	...	...	...	...	1
Premature Birth ...	...	.	..	..	...	1	...	..	...	1
Atrophy, Debility & Marasmus	...		..		..	...	..	...	...	...
Influenza	..		...	..	..	...	...	...	..	...
Other Causes	3		...	.	3	...	...	...	...	3
Totals	4	3	..	..	7	2	1	...	..	10

Nett Births registered during the calendar year 146 { Legitimate .. ... 140; Illegitimate 6

Nett Deaths registered during the calendar year 10 { Legitimate Infants ... 10; Illegitimate Infants ... 0

TABLE V.

Causes of and Ages at Death during Year 1925.

Name of District.—ST. ASAPH POOR LAW INSTITUTION.

Causes of Death.	ANALYSIS OF NETT DEATHS ACCORDING TO AGE.							
	All Ages.	Under 1 year.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and under 100 years.
All Causes	...	...	...	...	...	...	...	...
1 Enteric Fever...	...	...	...	...	...	...	...	...
2 Small-pox	...	...	...	...	...	...	...	...
3 Measles...	...	...	...	...	...	...	...	...
4 Scarlet Fever	...	...	...	...	...	...	...	...
5 Whooping Cough	...	...	...	...	...	...	...	...
6 Diphtheria	...	...	...	...	...	...	...	...
7 Influenza	...	...	...	...	...		...	...
8 Encephalitis lethargica... ...	...	...	...	...	...	...	...	...
9 Meningitis	...	...	...	...	...	...	...	...
10 Tuberculosis of resp'y s'tem	...	...	...	...	...	...	...	...
11 Other Tuberculous Diseases	...	...	...	...	...	...	...	...
12 Cancer, malignant disease .	3	...	...	...	...	...	3	...
13 Rheumatic Fever	...	...	...	...	...	...	...	...
14 Diabetes	...	...	...	...	...	...	...	...
15 Cerebral hæmorrhage, &c. .	2	...	...	...	...	...	1	1
16 Heart disease...	1	...	...	...	...	...	1	...
17 Arterio-sclerosis	...	...	...	...	...	...	...	...
18 Bronchitis...	...	...	...	...	...	...	...	...
19 Pneumonia (all forms) ...	...	...	...	...	...	...	...	...
20 Other respiratory diseases .	2	...	...	...	...	...	...	2
21 Gastro-enteritis	1	...	...	...	...	...	1	...
22 Diarrhœa, &c. (under 2 yrs)	...	...	...	...	...	...	...	...
23 Appendicitis and Typhilitis	...	...	...	...	...	...	...	...
24 Cirrhosis of Liver	...	...	...	...	...	...	...	...
25 Acute and chronic nephritis	1	...	...	...	...	...	1	...
26 Puerperal sepsis	...	...	...	...	...	...	...	...
27 Other accidents and diseases of Pregn'cy & Parturition	...	...	...	...	...	...	...	...
28 Congenital Debility & Mal-formation, pre'ture birth, marasmus atelectasis ...	...	...	...	...	...	...	...	...
29 Suicide	...	...	...	...	...	...	...	...
30 Other deaths from violence	...	...	...	...	...	...	...	...
31 Other defined diseases and senile decay...	6	...	...	...	...	...	...	6
32 Disease ill-defined or unknown	...	...	...	...	...	...	...	...
Totals	16	...	...	...	...	...	7	9

Annual Report of the Medical Officer of Health for the year 1925, for the Rural District of St. Asaph (Flint), on the administration of the Factory and Workshop Act, 1901, in connection with Factories, Workshops, Workplaces and Homework.

1.—INSPECTION.

Including Inspection made by Sanitary Inspector or Inspector of Nuisances.

Premises (1)	Number of Inspections (2)	Written Notices (3)	Prosecutions (4)
Factories .. .. .. (Including Factory Laundries)	20	2	1
Workshops .. .. .. (Including Workshop Laundries) ..	120	2	..
Workplaces .. .. .. (Other than Outworkers' premises)	..	..	..
Total	140	4	1

2.—DEFECTS FOUND.

Particulars (1)	Number of Defects. Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	Number of Prosecutions (5)
Nuisances under the Public Health Acts:—*				
Want of cleanliness	8	8	..	..
Want of ventilation	2	2	..	..
Overcrowding	..	..	..	..
Want of drainage of floors	1	1	..	..
Other nuisances	..	..	..	..
Sanitary accommodation — insufficient.. ..	1	1	..	..
Sanitary accommodation — unsuitable or defective..	1	1	..	..
Sanitary accommodation — not separate for sexes ..	..	..	..	..
Offences under the Factory & Workshop Acts:				
Illegal occupation of underground bakehouse (s. 101)	..	..	..	..
Other offences	..	..	..	..
Total	13	13	..	..

3.—REGISTERED WORKSHOPS.

Total number of Workshops registered... 94

* Including those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

St. Asaph (Flint) Rural District Council.

ANNUAL REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1925.

St. Asaph,
20th February, 1926.

To the Chairman and Members of the St. Asaph (Flint) Rural District Council.

Lady and Gentlemen,

I have the honour to lay before you my Annual Report for 1925.

Total number of Inspections and Visits made	1200

INFECTIOUS DISEASES.

Number of cases inquired into	45
Number of Houses disinfected	46

DWELLINGS.

Number erected	99
Number made fit for habitation	2
Number of cases of overcrowding	26

DRAINAGE, ETC.

Number laid or relaid	128
Number cleaned, trapped and ventilated	130
Number of new water closets	105
Number of repairs to water closets	112
Number of new privies and ashpits	10
Number of privies converted into W.C's	6

SCAVENGING.

	Bodelwyddan.	Dyserth.	Meliden
Number of privies emptied	— ...	5 ...	24
Number of pail closets emptied ...	470 ...	6731 ...	1248
Number of ashbins emptied	— ...	2897 ...	6264
Number of ashpits emptied	521 ...	5 ...	36
Number of cesspools emptied ...	— ...	15 ...	24
Number of loads of refuse	30 ...	70 ...	70

Total cost of scaveninging at	Bodelwyddan	...	£15 0 0
Ditto.	Ditto.	Dyserth	£160 10 1
Ditto.	Ditto.	Meliden	£117 13 6

REFUSE.

Number of accumulations removed	80

WATER.

Number of new places supplied	130
Number of repairs, fittings, etc.	90

DAIRIES AND COWSHEDS.

Number of new dairies erected	2
Number of new cowsheds erected	—
Number of dairies repaired	2
Number of cowsheds repaired	6
Number of persons registered	84
Number of registered places in use and inspected	84

SLAUGHTER HOUSES

Number registered or licensed	14
Number erected	—
Number repaired	1

OFFENSIVE TRADES.

Number dealt with	1

ANIMALS.

Number of cases causing nuisance	40

LODGING HOUSES.

Number registered and inspected	—

CLERICAL WORK.

Number of letters received	954
Number of letters written	625
Number of informal notices served	250
Number of informal notices complied with	200

LEGAL PROCEEDINGS.

Number of formal notices served	71
Number of formal notices complied with	60
Number of prosecutions	2

FACTORIES AND WORKSHOPS.

Number registered	80
Number of written notices	3
Number complied with	3

FOOD AND DRUGS.

The following was kindly supplied by the Superintendent of Police:—

Return showing the Number and Descriptions of Samples taken by Superintendent A. E. Lindsay, of Rhyl, under the Food and Drugs and the Fertilizers and Feeding Stuffs Acts within the District of the St. Asaph (Flint) Rural District Council during the year ended 31st December, 1925.

Food and Drugs Act.

Article.	No. of Samples.	Genuine	Broken in transit.
Milk	13	11	2
Margarine	1	1	
Flour	1	1	
Baking Powder	1	1	

Fertilizers and Feeding Stuffs Act.

Crushed Oats	1	Satisfactory.
Bran	1	,,
Palm Kernels	1	,,
Undecorticated Cotton Cake	1	,,
Small Dairy Nuts	1	,,
Linseed Cake Nuts	1	Doubtful Quality.

Yours faithfully,

A. E. LINDSAY,

Superintendent.

WATER SUPPLY.

Average monthly gaugings of the yield of water in gallons per day of 24 hours at the sources of supply for Cwm, Rhuallt and Tremeirchion.

Month.	Cwm.	Rhuallt.	Tremeirchion.
January	6480	8267	21600
February	2304	8267	21600
March	2910	10800	14400
April	1944	10800	8640
May	4168	10800	5760
June	540	8267	2880
July	346	8267	3456
August	1800	10800	5760
September	1944	12343	8640
October	2304	14400	17280
November	1944	17280	21600
December	2910	17280	21600

HOUSING STATISTICS.

Number of new houses erected during the year:—

(a) Total (including number given separately under (b) 99

(b) With State Assistance under the Housing Acts:

(1) By the Local Authority ... ... —

(2) By other bodies or persons 39

1. *Unfit Dwelling Houses.*

Inspection (1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) 200

(2) Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations 1910 or the Housing Consolidated Regulations 1925 150

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 4

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation 71

2. *Remedy of Defects without Service of Formal Notice.*

Number of defective dwelling houses rendered fit in consequence of Informal Action by the Local Authority or their Officers 12

3. *Action under Statutory Powers.*

A. Proceedings under Section 3 of the Housing Act 1925.

(1) Number of dwelling houses in respect of which notices were served requiring repairs ... ... —

(2) Number of dwelling houses which were rendered fit after service of formal notice.

(a) By Owners ... ... —

(b) By Local Authority ... ... —

(3) Number of dwelling houses in respect of which closing orders became operative in pursuance of declarations by owners of intention to close 4

B. Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied. 221

(2) Number of dwelling houses in which defects were remedied after service of formal notices:—

(a) By Owners 102

(b) By Local Authority in default of Owners ... —

C. Proceedings under Sections 11, 14 and 15 of the Housing Act 1925.

(1) Number of representations made with a view to the making of Closing Orders 8

(2) Number of dwelling houses in respect of which Closing Orders were made 8

(3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit ... ... —

(4) Number of dwelling houses in respect of which Demolition Orders were made ... ... —

(5) Number of houses demolished in pursuance of Demolition Orders ... ... —

I am, Lady and Gentlemen,

Your obedient servant,

EDW. O. EVANS, M.S.I.A., Cert. R.S.I.

Sanitary Inspector and Surveyor.

RAINFALL IN 1925.

At Cae Gwyn, Tremeirchion, in the County of Flint.—Rain Gauge: Diameter of Funnel, 5 inches; Height of Top Above Ground, 1 ft.; above sea level, 534 feet.

Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Inches.	Date.	Number of Days with ·01 in. or more.	Number of Days with ·04 in. or more
January	1.69	0.31	31	3	2
February	3.35	0.60	9	6	3
March	0.81	0.17	20	8	4
April	1.18	0.18	18	11	5
May	2.83	0.92	22	10	5
June	0.02	0.02	1	1	—
July	3.39	0.90	22	8	2
August	3.38	0.82	21	10	4
September	3.17	0.47	9	10	5
October	3.78	0.73	12	14	3
November	3.55	0.83	7	4	4
December	2.29	0.50	19	13	6
Total	29.44			98	19

EDITH M. MORGAN.

At the Rhyl Council Pumping Station Reservoir, in the County of Flint.—Rain Gauge: Diameter of Funnel, 8 inches; Height of Top above Ground, 1 foot; above Sea Level, 31 feet.

Month.	Total Depth.		Greatest Fall, being over 2 Inches.		No of Wet Days.
	Millimetres.	Inches.	Millimetres.	Inches	
January	46·9	1·85	..	..	12
February	152·4	4·20	152 4	4·20	19
March	20·1	0·79	..	..	12
April	32·5	1·28	..	..	14
May	83 3	3·28	83 3	3·28	19
June	0·3	·01	..	..	1
July	56·1	2·21	56·1	2·21	13
August	97·0	3 82	97·0	3 82	18
September	85·3	3·36	85·3	3·36	22
October	96·4	3·80	96·4	3·80	20
November	78·9	3·11	78.9	3·11	14
December	53·0	2·09	53·0	2·09	17
Total	822·2	29·80	...	..	181

ST. ASAPH UNION.

CENSUS POPULATION, 1921.

ST. ASAPH (DENBIGH) RURAL DISTRICT AREA.

	Males.	*Females.*	*Total.*
Abergele (Rural)	582	598	1180
Bettws-yn-Rhos	327	318	645
Bylchau	244	256	500
Cefn	215	230	445
Llanddulas	312	398	710
Llannefydd	354	342	696
Llanfairtalhaiarn	462	439	901
Llansannan	527	496	1023
St. George	118	96	214
Trefnant	262	286	548
	3403	3459	6862

Population of the area for 1925: 6,708.

ST. ASAPH (FLINT) RURAL DISTRICT AREA.

*Bodelwyddan	489	391	880
Bodfari	157	197	354
Cwm	182	212	394
Dymeirchion	331	288	619
Dyserth	496	630	1126
Meliden	410	608	1018
Rhuddlan	836	864	1700
St. Asaph	868	959	1827
Waen	114	119	233
	3883	4268	8151

Population of the area for 1925: 7,293.

URBAN DISTRICTS IN THE COUNTY OF DENBIGH.

Abergele (Urban)	1095	1537	2632
Denbigh	2195	2644	4839
Henllan (Urban)	806	838	1644
	4096	5019	9115

URBAN DISTRICTS IN THE COUNTY OF FLINT.

Prestatyn	1628	2457	4085
Rhyl	5393	8105	13498
do. (1925), 10,630			
	7021	10562	17583
Totals	18403	23308	41711

**Including 310 persons (308 males and 2 females) enumerated in Kinmel Camp.*